

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
23 December 2004 (23.12.2004)

PCT

(10) International Publication Number
WO 2004/111812 A2

(51) International Patent Classification⁷: **G06F 3/00**

(21) International Application Number:
PCT/CA2004/000898

(22) International Filing Date: 18 June 2004 (18.06.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
60/479,055 18 June 2003 (18.06.2003) US

(71) Applicant (for all designated States except US): **ZI CORPORATION** [CA/CA]; Suite 2100, 840 - 7th Avenue SW, Calgary, Alberta T2P 3G2 (CA).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **SIMPSON, Todd, Garrett** [CA/CA]; 11 Edenstone View N.W., Calgary, Alberta T3A 3Z2 (CA). **QIU, Weigen** [CA/CA]; 48 Edgeridge Park N.W., Calgary, Alberta T3A 6A9 (CA).

(74) Agent: **MACRAE & CO.**; P.O. Box 806, Station B, Ottawa, Ontario K1P 5T4 (CA).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

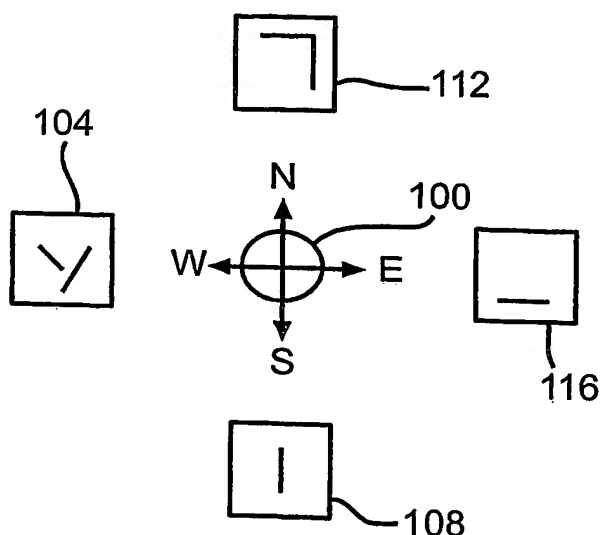
(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— without international search report and to be republished upon receipt of that report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: TEXT ENTRY SYSTEM AND METHOD



(57) Abstract: A system and a method for text entry is disclosed. Each may be practiced using a single finger or thumb to create, select and enter characters or character sequences. The invention may be broadly applicable to the entry of a text object or a text string which may be created or received, stored, edited or transmitted by a personal appliance having a limited user interface, such as a reduced keypad or no keypad. The invention may be particularly useful in conjunction with an ideographic language.

WO 2004/111812 A2